Hydrologic Model Manager

Short Name	SYN-HYD
Long Name	
Description	
Model Type	Hydrograph simulation by convolution of rainfall
Model Objectives	To allow the user to estimate runoff from a given rainfall event
Agency _Office	
Tech Contact	Gert Aron, 227 Kimpoty Ave Boalsbury PA 16827
Model Structure	Convolution of rainfall and runoff in the form of gamma distribution
Interception	
Groundwater	
Snowmelt	
Precipitation	
Evapo-transpiration	
Infiltration	
Model Paramters	Rainfall, travel times, curve numbers
Spatial Scale	
Temporal Scale	
Input Requirements	Rainfall, subarea dimensions, travel times
Computer Requirements	IBM compatible PC, 200k memory
Model Output	Runoff hydrographs
Parameter Estimatn Model Calibrtn	Up to model user
Model Testing Verification	Up to model user
Model Sensitivity	Depends on the skill of the cases
Model Reliabiity	On the average ± 30%
Model Application	Po Valley, Italy
Documentation	User manual
Other Comments	
Date of Submission	5/11/2001 7:58:39 AM
Developer	
Technical Contact	
Contact Organization	